

100270 99560650

1/7

Cytochrome P450-Dependent Enzymes From *Euphorbia lagascae* (SEQ ID NO:2) and *Capsicum annuum* (gi 6739506)

gi6739506 ME---IQFTN-LVAFLLFLSSIIILLKKWKTQKLNLPDGPWKLPFTIGSLHHLAVAGPLPHHGLKNLAKLYGPLMHLRLGEIPTVIISSPR  
SEQ ID NO:2 MEQKNLSFPSILISFLLVLI-LVVVMRLWKQ--NPPPGPWKFPPIIGNLPHLLTSDLGHERFRALAQIYGPVMSLQIGQVSAAVVISSAE

gi6739506 MAKEVLKTHDLAFATRPKLVVADIVHYDSTDIASFSPYGEYWRQIRKICILELLSAKMVKFFSSIRQDELSMMVSSIRTMPNFPVNLTDKI  
SEQ ID NO:2 AAKEVMKTQADAFARPIVLDQIVFYNRKDVLFASYGDHWRQMKKIWILEFLSAKKVQSSRLIREEMEDAITFLRSKAGSPVNIITKII

gi6739506 FWTSSVTCRSALGKICRDQDKLIIFMREIISLTGGFSIADFFPTWKMLHDVGGSKTRLLKAHRKIDEILEHVNVNEHKQNRADGQKNGE  
SEQ ID NO:2 YGIIISIMIRTSVGN-CKQKERLLSVADAVNEAATSGTADAFPTWKLLHYIIGAESKPRRLHQEIDDDILEEILNEHKANKP-----

gi6739506 FGGEDLIDVLLRVRESGEVQISITDDNIKSILVDMFSAGSETSSSTIIWALAEMMKKPSVLAKAQAEVRQVLKEKKGFQQIDLDLKYLK  
SEQ ID NO:2 FEADNLMVDVLLNLQKNGNVPVPTNESIKASVLQMFAGSETTSKATEWVMAELMKNPTLRLKAQAEVRQVFGEMGKVDESFRHDLKFFK

gi6739506 LVIKETLRMHPPPIPLLVPRECMKDTKIDGYNIPFKTRIVVNAWAIGRDPESWDDPESFSPERFENSVDFLGSHHQFIPFGAGRRICPGM  
SEQ ID NO:2 LVVKETLRLLHPPV-VLIPRECRETTRIDGVEIHPNTRIVVNAWAIGRDPNTWSEPGKFNPERFKDCAIDYKGTTFELVPFGAGKRICPGI

gi6739506 LFGLANVGQPLAQLLYHFDRKLPNGQSHENLDMTESPGISATRKDDLVLIATPYD-----P  
SEQ ID NO:2 TSAITNLEYVVIINLLYHFNWELADGITPQTLDMTEAIGGALRKKIDKLPIPIPYQVSLGSNIS

FIG. 1

2/7

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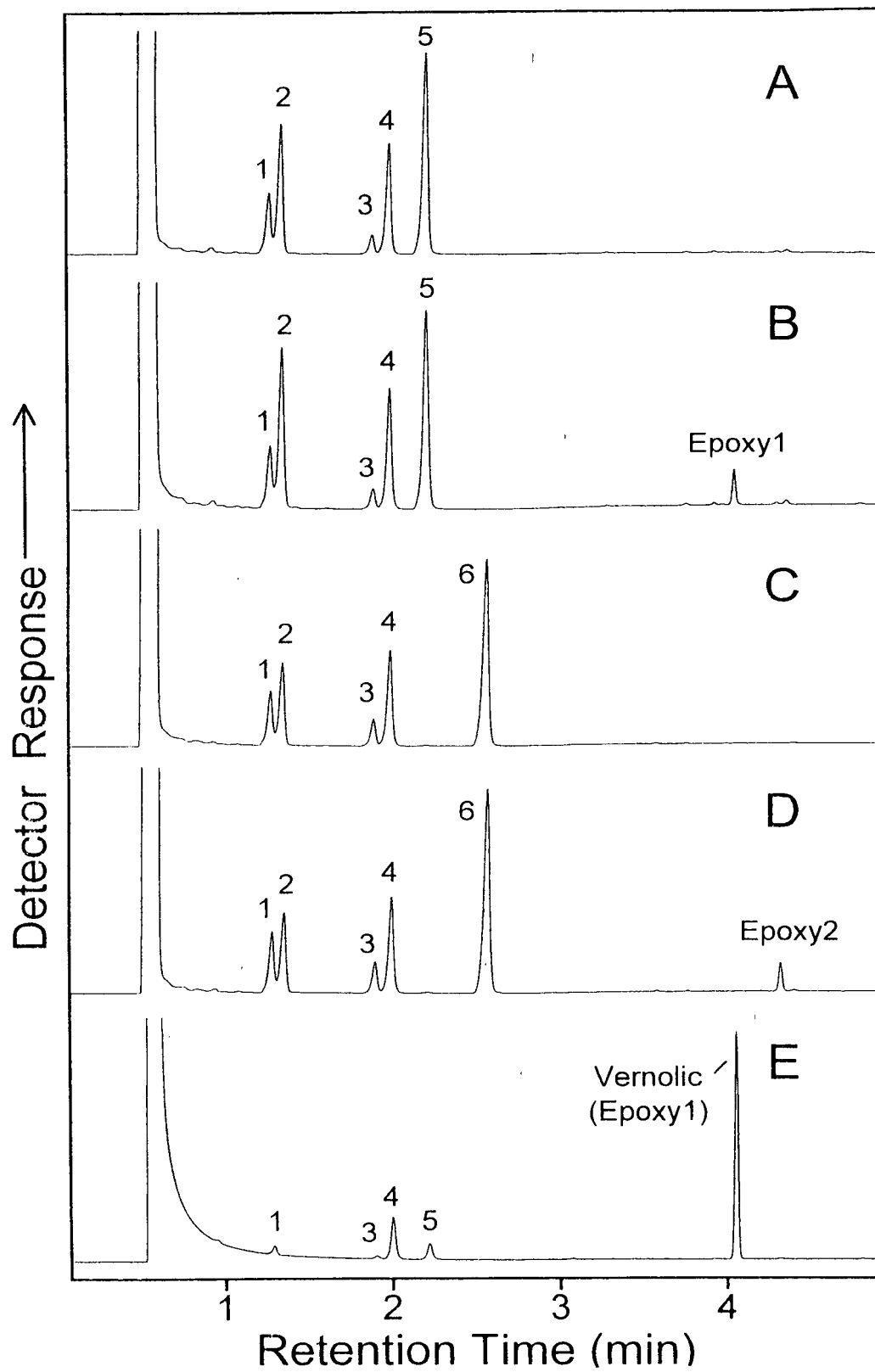


FIG. 2

3/7

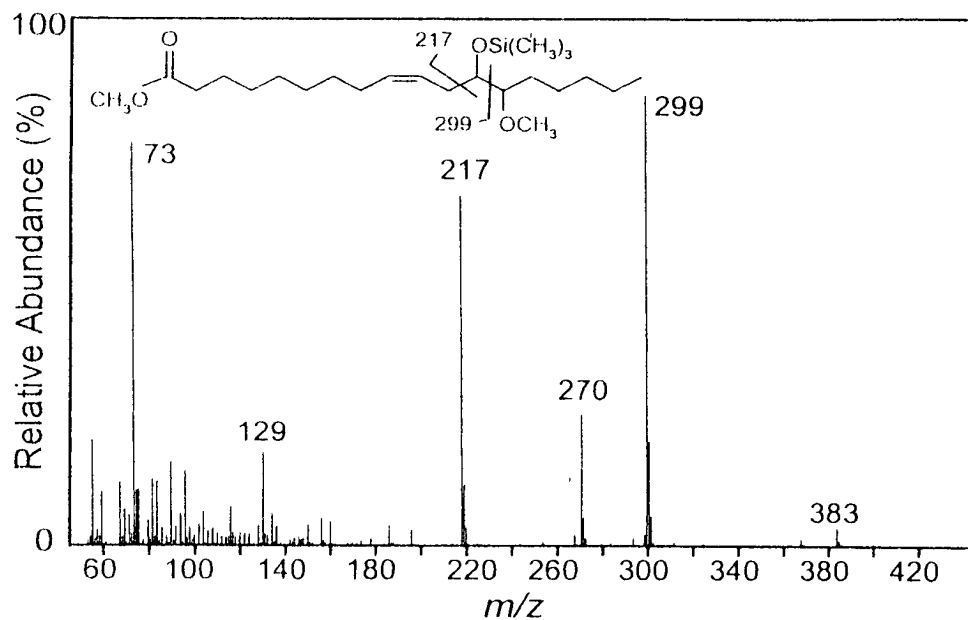


FIG. 3A

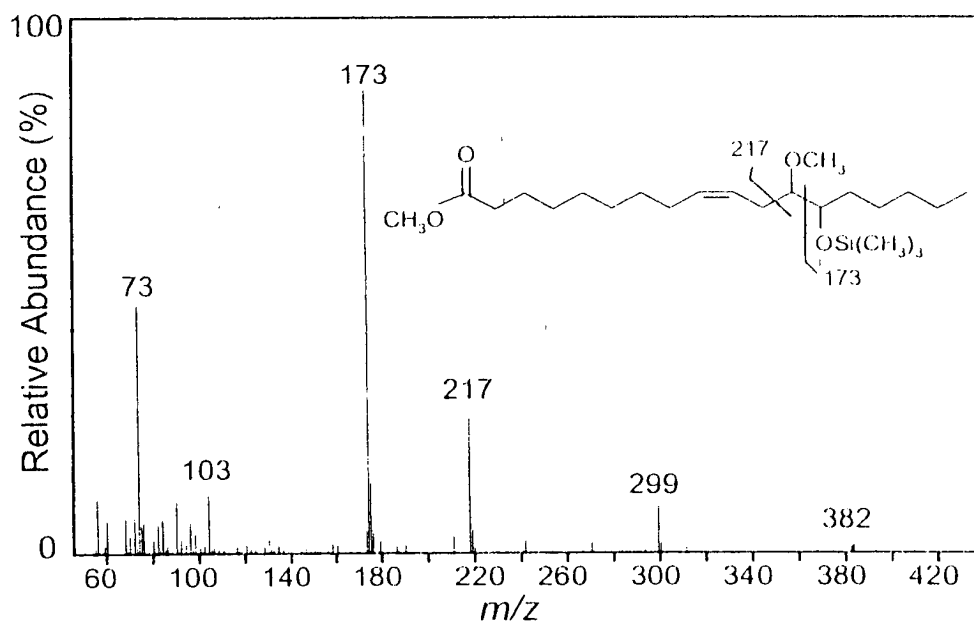


FIG. 3B

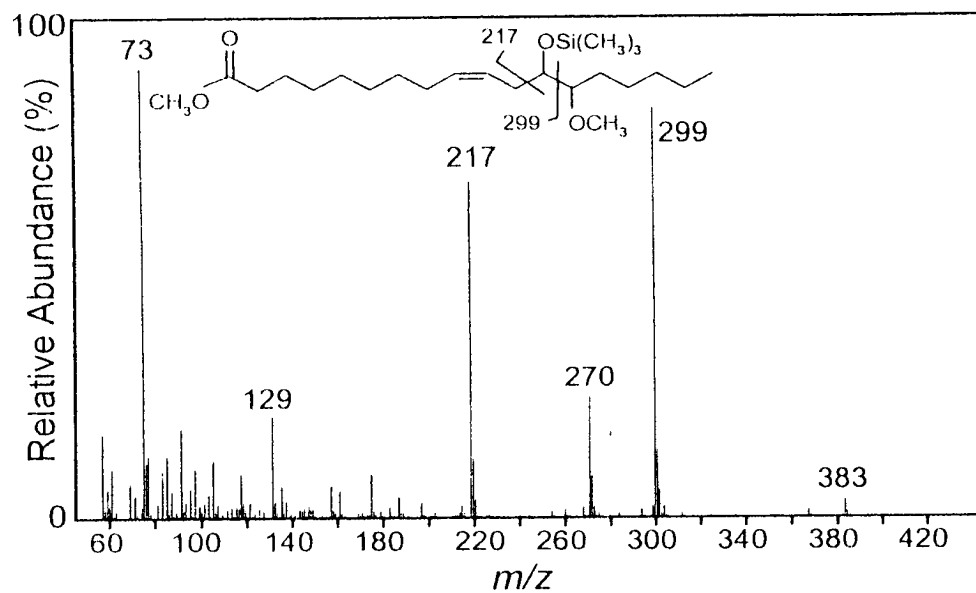


FIG. 3C

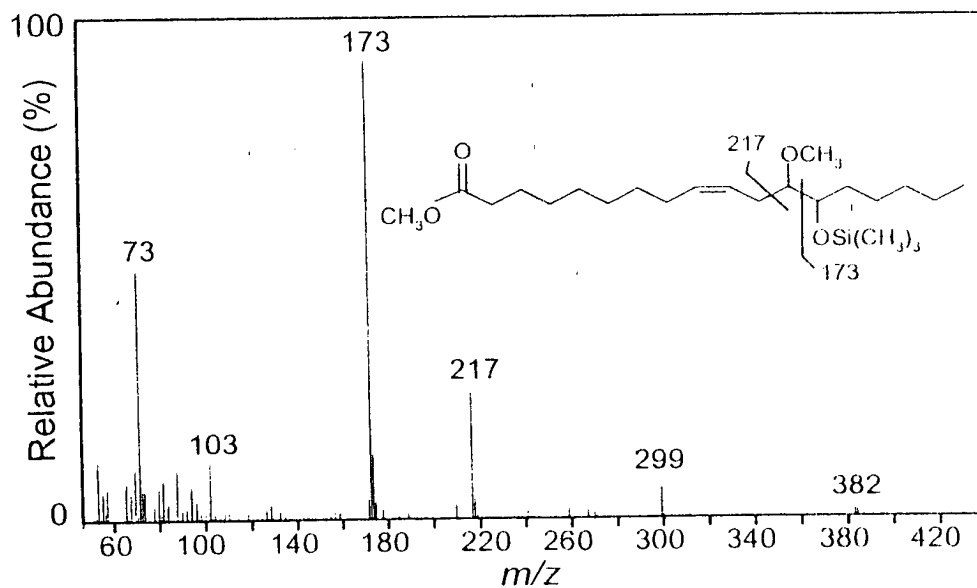


FIG. 3D

5/7

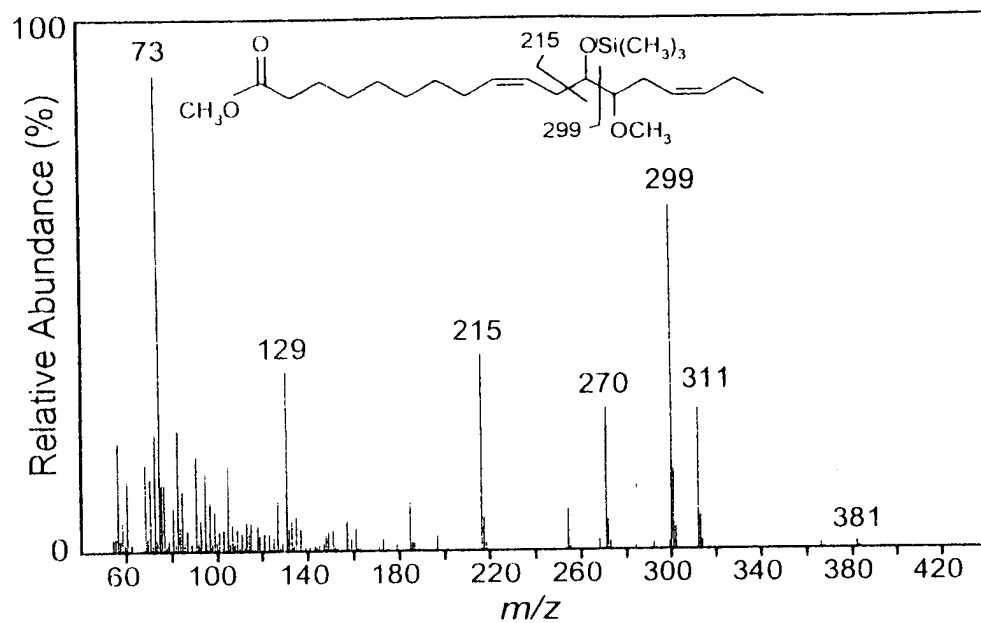


FIG. 3E

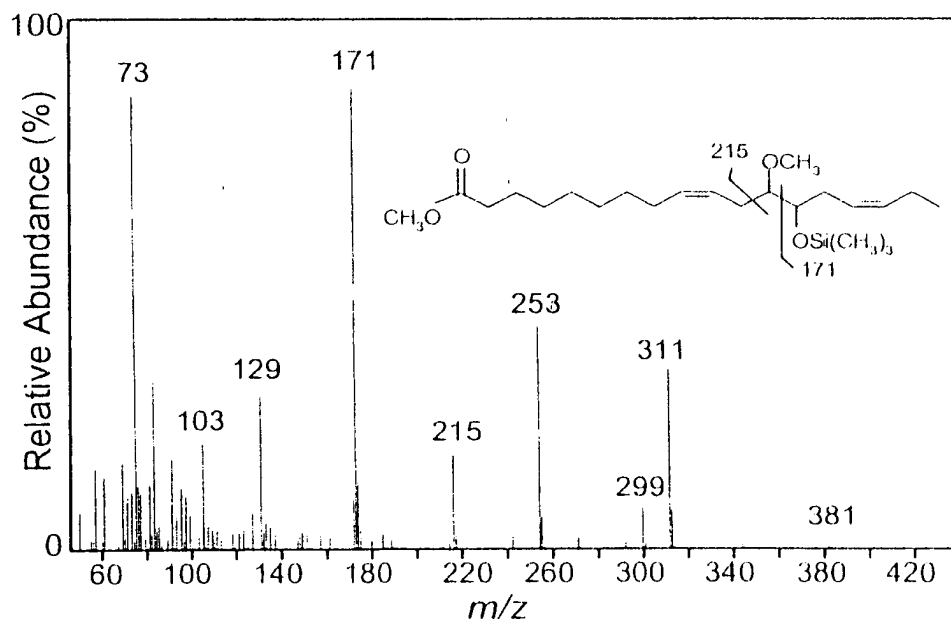


FIG. 3F

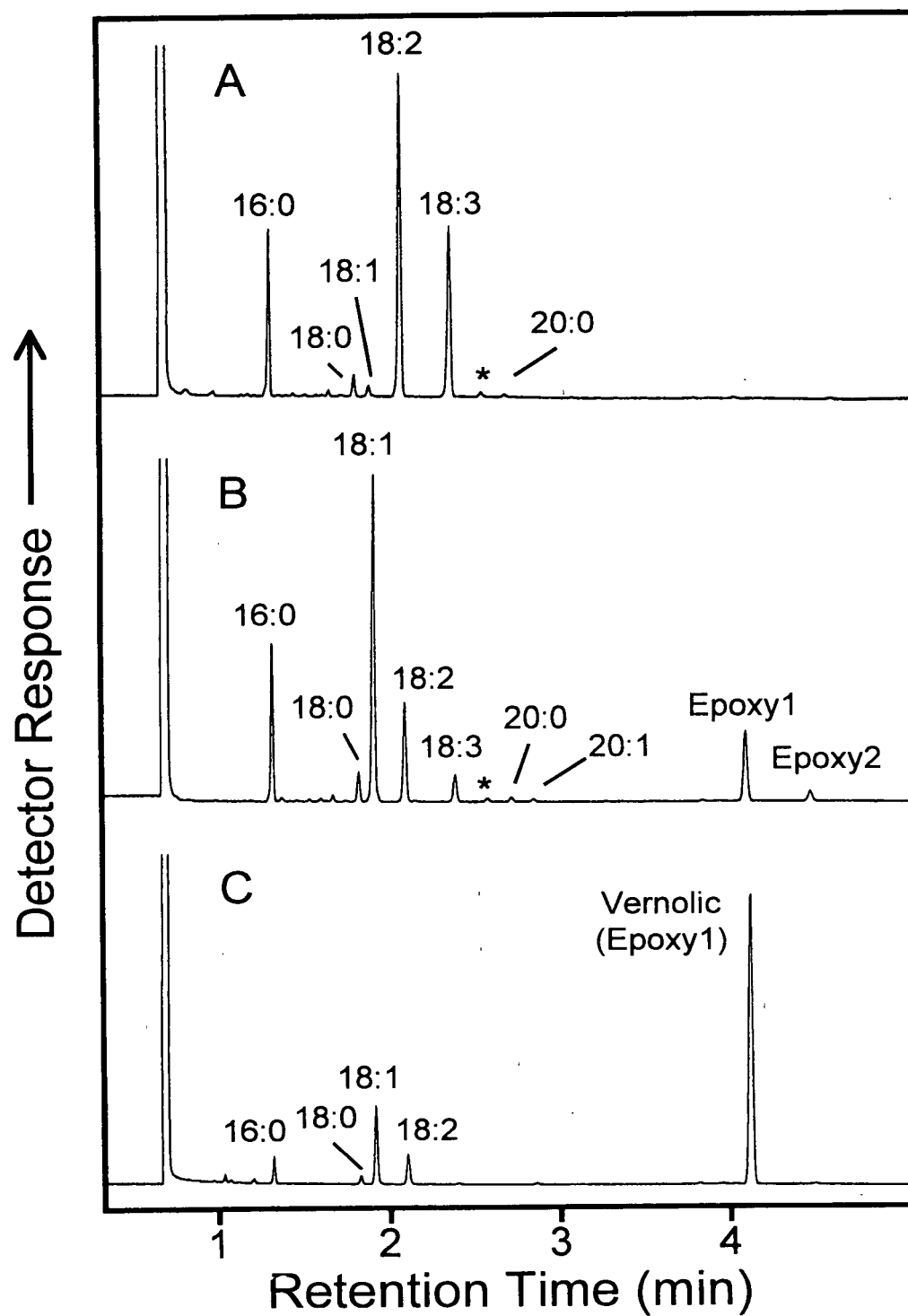


FIG. 4

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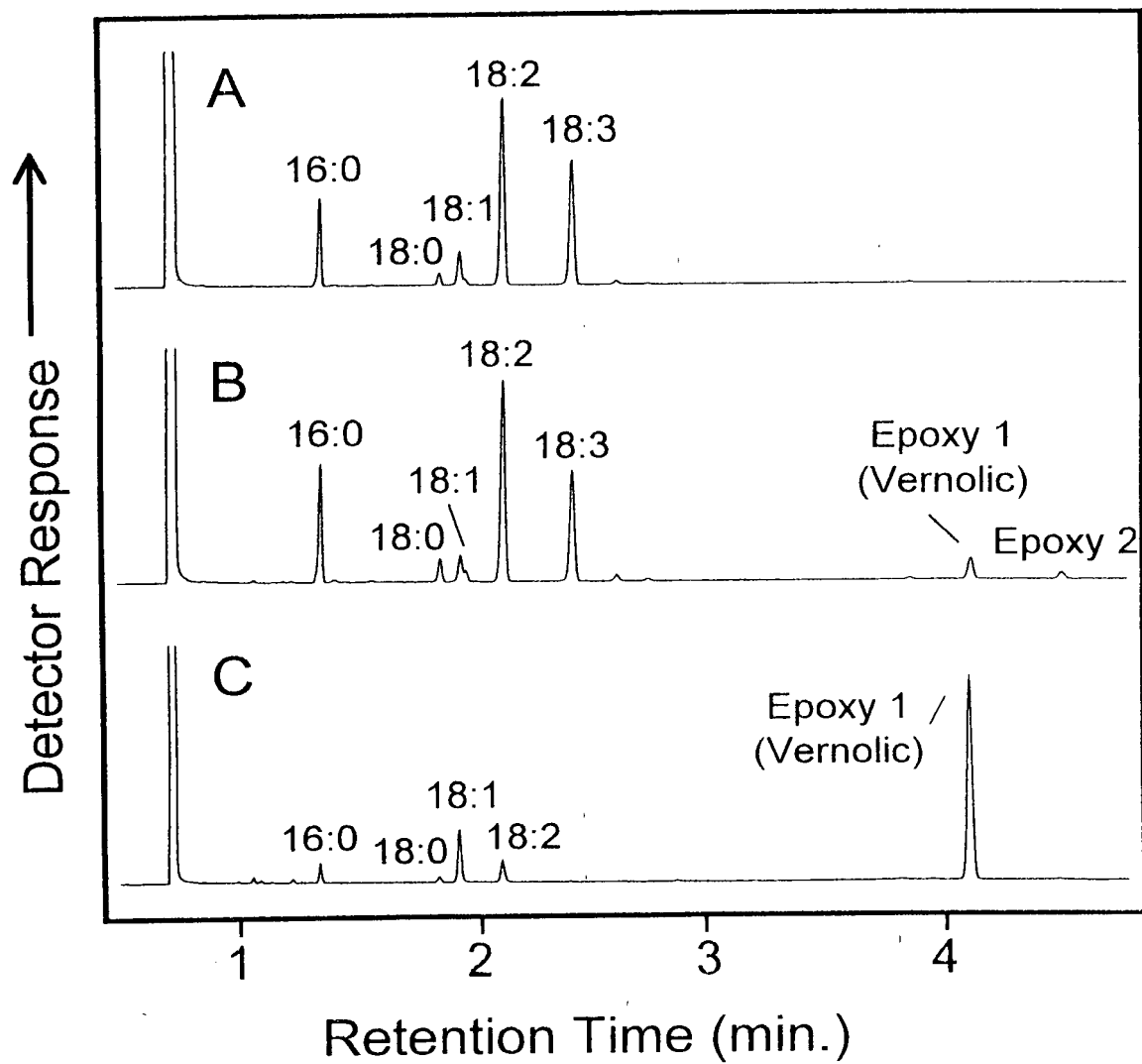


FIG. 5